

ABSTRACT OF THE DISCLOSURE

A rugged computing module includes a microcontroller, flash memory, and at least one interface port. The flash memory is operatively coupled to the microcontroller, and at least a portion of the flash memory is used as a substitute for disk drive storage area, thereby eliminating moving parts in the computing module. 5 The interface port is operatively coupled to the microcontroller and includes at least one of an Ethernet port, a Universal Serial Bus (USB) port, a serial port, a parallel port, a keyboard/mouse port, and a Super Video Graphics Array (SVGA) port.